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Linda M. Sivik 44,982
Name of Agent Registration No.
Linda M. Sivik
Signature of Agent

Case 4519RC2R

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of :
DOUGLAS ALLAN ROYCE ET AL. :
Serial No. 09/853,227 : Group Art Unit 1615
Confirmation No. 6354 :
Filed May 11, 2001 :
For: SHAMPOO COMPOSITIONS WITH :
CATIONIC POLYMERS :

INFORMATION DISCLOSURE STATEMENT

Commissioner For Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, record is being made below in a Form PTO-1449 of documents which the Patent Office may wish to consider in connection with examination of the above-identified patent application. It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case. As provided in §1.97(g), no representation is made or intended that a thorough art search was made. As provided in 37 C.F.R. §1.97(h), this Information Disclosure Statement does not constitute an admission of any kind, and specifically is not an admission that the documents listed on attached form PTO-1449 are, or are considered to be, material to the patentability of the above-identified patent application, as defined in 37 C.F.R. §1.56(b).

Copies of all said documents were submitted and considered in the following prior applications: U.S. Patent Application Serial No. 09/662,084, filed September 14, 2000; U.S. Patent Application Serial No. 07/784,278, filed October 29, 1991, and U.S. Patent Application 08/352,272, filed December 7, 1994, now abandoned. Applicants claim priority to said applications under 35 U.S.C. §120. Accordingly, copies of these documents are not provided with this Statement, pursuant to 37 C.F.R. §1.98(d). It is respectfully requested that the cited documents be carefully considered by the Examiner and made of record in this case.

This information disclosure statement, submitted under 37 C.F.R. §1.97 (b)(1), is being filed within three months of the filing date of a national application. Therefore, no fee is believed to be due.

Respectfully submitted,
Douglas Allan Royce et al.

By *Linda M. Sivik*
Linda M. Sivik
Agent for Applicants
Registration No. 44,982
(513) 626-4122

August 7, 2001
Cincinnati, Ohio

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LIST OF DOCUMENTS CITED BY APPLICANT(S)

(Use several sheets if necessary)

ATTY. DOCKET NO. 4519RC2R2	SERIAL NO. 09/853,227
APPLICANT: Douglas A. Royce et al.	
FILING DATE May 11, 2001	GROUP 1615

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Patent Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1	5,018,990	1/92	Martin et al.			
	2	2,826,551	3/58	Geen			
	3	3,964,500	6/76	Drakoff			
	4	4,364,837	12/82	Pader			
	5	4,741,855	3/88	Grote et al.			
	6	4,788,006	11/88	Bolich et al.			
	7	4,859,456	8/89	Marschner			
	8	4,983,383	1/91	Maksimowski			
	9	4,374,125	2/83	Newell			
	10	4,220,168	9/80	Newell			
	11	4,906,459	3/90	Cobb et al.			
	12	4,902,499	2/90	Bolich et al.			
	13	4,482,850	6/89	Vu			
	14	4,728,457	3/88	Fieler et al.			
	15	4,704,272	11/87	Oh et al.			
	16	4,009,256	2/77	Nowak et al.			
	17	4,597,962	7/86	Grollier et al.			
	18	4,710,314	12/87	Madrang et al.			
	19	4,673,568	6/87	Grollier et al.			
	20	4,707,293	11/87	Ferro			
	21	3,969,500	7/76	Kennerly			
	22	4,726,944	2/88	Osipow et al.			
	23	3,990,991	11/76	Gerstein			
	24	4,749,565	6/88	Grollier			
	25	4,529,586	7/85	DeMario et al.			
	26	4,820,308	4/89	Madrang et al.			
	27	5,085,857	2/92	Reid et al.			
	28	4,299,817	11/81	Hannan et al.			
	29	5,977,038	11/99	Birtwistle et al.			
	30	5,876,705	3/99	Uchiyama et al.			
	31	5,037,818	8/91	Sime			
	32	5,723,112	3/98	Bowser et al.			
	33	5,990,059	11/99	Finel et al.			
	34	5,186,928	2/93	Birtwistle			
	35	5,720,964	2/98	Murray			
	36	5,573,709	11/96	Wells			

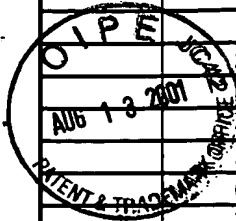
FOREIGN PATENT DOCUMENTS

Ex. initial	Document number	Patent/Publication Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	37	56-72095	6/81	Japan				
	38	54-129135	10/79	Japan				
	39	327266	7/89	Japan				
	40	432951	6/91	EP				
	41	2262507	3/89	Japan				
	42	2262506	3/89	Japan				
	43	849433	9/60	UK				
	44	413416	2/91	EP				
	45	413417	2/91	EP				
	46	2188518	7/90	Japan				
	47	2188519	7/90	Japan				
	48	2042008	2/90	Japan				
	49	83557/91	3/92	Australia				
	50	56066/90	12/90	Australia				

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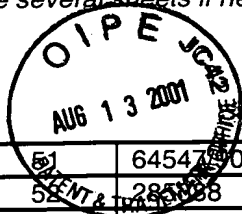


Sheet 2 of 2

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ATTY. DOCKET NO. 4519RC2R2	SERIAL NO. 09/853,227
APPLICANT: Douglas A. Royce et al.	
FILING DATE May 11, 2001	GROUP 1615



FOREIGN PATENT DOCUMENTS (continued)

51	6454750	4/91	Australia				
52	285888	10/88	EP				
53	WO 92/10162	6/92	PCT				
54	WO 92/10161	6/92	PCT				

OTHER

55	McCutcheon's <i>Emulsifiers & Detergents</i> , 1981 International Edition, pp. 55 and 157
56	Caelles, J., Comelles, F., Leal, J.S., Para, J.L., and Anguera, S., "Anionic and Cationic Compounds in Mixed Systems", <i>Cosmetics & Toiletries</i> , Vol. 106, April 1991, pp. 49-54.
57	Burgess, D.J., "Practical Analysis of Complex Coacervate Systems", <i>J. Colloid and Interface Science</i> , Vol. 140, No. 1, Nov. 1990, pp. 227-238.
58	VanOss, C.J., "Coacervation, Complex-Coacervation and Flocculation", <i>J. Dispersion Science and Technology</i> , Vol. 9 (Nos. 5 and 6), 1988-1989, pp. 561-573.
59	Amerchol Corp. pamphlet "Glucam®"

Examiner	Date Considered
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Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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